

SEQUENCE LISTING

<110> Welch, Ellen M.
 Almstead, Neil G.
 Rando, Robert F.
 Pelligrini, Mathew C.

<120> Methods for Identifying Small Molecules That Modulate Premature
 Translation Termination and Nonsense Mediated mRNA Decay

<130> 10589-044-999

<140> 10/521,775
 <141> 2003-07-24

<150> 60/398,332
 <151> 2002-07-24

<150> 60/398,344
 <151> 2002-07-24

<160> 35

<170> PatentIn version 3.2

<210> 1
 <211> 27
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: 16s rRNA A site

<400> 1
 ggcgucacac cuucggguga agucgcc 27

<210> 2
 <211> 29
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: 16s rRNA A site

<400> 2
 ggcagaucug agccugggag cucucugcc 29

<210> 3
 <211> 12
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: 16s rRNA A site

<400> 3

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Pro
 1 5 10

<210> 4
 <211> 16
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 4
 aaagcctaca gcaccc 16

 <210> 5
 <211> 17
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 5
 tactgagggga atcctgg 17

 <210> 6
 <211> 34
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 6
 ttaccacccg ctttgggggg ggcgggaaaag atcc 34

 <210> 7
 <211> 17
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 7
 gggggcgggga aagatcc 17

 <210> 8
 <211> 17
 <212> DNA

 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 8
 ccccgagcca ccttccc 17

<210> 9
 <211> 17
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 9
 ggccccggga ttcggcg 17

 <210> 10
 <211> 17
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 10
 cactggggac agtccgc 17

 <210> 11
 <211> 18
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 11
 cgcggcgggc gagacggg 18

 <210> 12
 <211> 18
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 12
 gagggaaact tcggaggg 18

 <210> 13
 <211> 18
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 13
 catcgggcgc cttaaccc 18

<210> 14
 <211> 17
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 14
 cgacgcacac cacacgc 17

 <210> 15
 <211> 17
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 15
 ccaagatctg cacctgc 17

 <210> 16
 <211> 17
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 16
 ttaccgcact ggacgcc 17

 <210> 17
 <211> 17
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 17
 gccagaggct gttcacc 17

 <210> 18
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 18
 tggggaggga gcgagcggcg 20

<210> 19
 <211> 19
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 19
 aagggcccg ctcgcgtcc 19

 <210> 20
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 20
 agggcgggg gacgaaccgc 20

 <210> 21
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 21
 tttaaacagtc ggattcccct gg 22

 <210> 22
 <211> 18
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 22
 ttcattccatt catgcgcg 18

 <210> 23
 <211> 19
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 23
 agtagtggtta tttcaccgg 19

<210> 24
 <211> 17
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 24
 acgggagggtt tctgtcc 17

<210> 25
 <211> 19
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 25
 acaatgatag gaagagccg 19

<210> 26
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 26
 aggcgttcag tcataatccc 20

<210> 27
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 27
 tccgcaccgg accccggtcc 20

<210> 28
 <211> 27
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 28
 gggctagttg attcggcagg tgagttg 27

<210> 29
 <211> 18
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 29
 tctccggaat cgaaccct 18

 <210> 30
 <211> 18
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 30
 attacgcggt ctgctggc 18

 <210> 31
 <211> 17
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 31
 ttggcaaagt ctttcgc 17

 <210> 32
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 32
 ccgtcaattc ctttaagttt c 21

 <210> 33
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Primer

 <400> 33
 agggcatcac agacctgtta t 21

 <210> 34

<211> 17
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 34
cgacgggcgg tgtgtac

17

<210> 35
<211> 18
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 35
ccgcaggttc acctacgg

18